



**Montana Department of Transportation**  
**PO Box 201001**  
**Helena, MT 59620-1001**

**MEMORANDUM**

**To:** See Distribution  
**From:** Kevin Christensen, P.E.  
Construction Engineer  
**Date:** October 7, 2008  
**Subject:** Supplemental Specification Revision: 714.04, Temporary and Interim Paint Markings

The Construction Administration Services Bureau is proposing revisions to Standard Specification 714.04, Temporary and Interim Paint Markings, following the Standard Specification Revision Process outlined in the Construction Engineer's Memorandum dated May 2008. The following information is provided.

1. Standard Specification 714.04, Temporary and Interim Paint Markings, will be modified.
2. The Proposed Draft of the change is attached along with this memorandum.
3. Revisions to the Standard Specifications are needed to address changes in striping procedures.
4. Those impacted by the change include:  
Construction, Contractors, EPM's
5. The following individuals were consulted and/or involved in developing the proposed revisions:  
CAS Bureau, CES Bureau, MCA

*It is requested that written comments on **the proposed revisions only**, be returned to [mdtspecifications@mt.gov](mailto:mdtspecifications@mt.gov) no later than October 31, 2008.*

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#### 714.04 TEMPORARY AND INTERIM PAINT MARKINGS

The Contractor may furnish either liquid pavement markings or solid pavement marking tape for temporary and interim pavement markings. Submit a manufacturer's formulation sheet or data sheet for the product to be used.

**A. Temporary and Interim Pavement Markings.** Furnish marking materials that meet the following:

1. **White.** Color to match Federal color chip # 37875. Colorimeter readings may be taken on the white portion of a Leneta form 5c. Daylight reflectance is Y=79.80 minimum. Color Coordinates are x=0.3136, y=0.3244. A plus or minus 6 percent tolerance applies to the coordinates.
2. **Yellow.** Color to match Federal color chip # 595B-33538. Colorimeter readings may be taken on the white portion of a Leneta form 5c. Daylight reflectance is Y=48.32 minimum. Color coordinates are x=0.4851, y=0.4455. A plus or minus 6 percent tolerance applies to the coordinates.

**B. Cold weather Interim Pavement Marking.** Furnish marking materials that meet the following:

1. **Color.** Color specifications are to the same as interim and temporary pavement markings in section A.
2. **Composition.** The exact composition is at the manufacturer's discretion except that the vehicle is to be 100 percent acrylic polymer and the paint is not to contain any ingredient in the vehicle listed below:  
Lead or chromate compounds; Mercury; Lead; Chromate compounds; Chlorinated solvents; Hydrolysable chlorine derivatives; Ethylene based glycerol ethers and their acetates.

If temperature is lower than 40 degrees C, use a low temperature paint.

**3. Tests.**

D-2486	Scrubs resistance, cycles, min	1000
D-1394	Titanium Dioxide	1.0 lb/gal White 0.15 lbs/gal Yellow